

ma-single-effect-feasible^{0,22}

$\forall x:\text{Id}, k:\text{Knd}, ds:x:\text{Id fp} \rightarrow \text{Type}, da:a:\text{Knd fp} \rightarrow \text{Type},$
 $f:(\text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow ds(x)?\text{Void}).$
 $\forall x \in \text{dom}(ds). A=ds(x) \Rightarrow A$
 $\Rightarrow \forall k \in \text{dom}(da). A=da(k) \Rightarrow A$
 $\Rightarrow \forall x \in \text{dom}(ds). A=ds(x) \Rightarrow \text{AtomFree}(\text{Type};A)$
 $\Rightarrow \forall k \in \text{dom}(da). A=da(k) \Rightarrow \text{AtomFree}(\text{Type};A)$
 $\Rightarrow \text{Feasible}(\text{with declarations}$
 $ds:ds$
 $da:da$
 effect of $k(v)$ is $x := f \text{ s } v$)